



**CHILLER NOISE REDUCTION SYSTEM**

HUSHCORE® **PREMIUM™ SW** Chiller Noise Reduction Systems:

Shall consist of HUSH QUILT™ Acoustical Composite Blanket Panels.

- a. HUSH QUILT™ Acoustical Absorber Panels shall consist of a sandwich construction of outdoor grade vinyl outside skin, acoustical fill and outdoor grade vinyl inside skin. The acoustical absorber shall be mounted to the inside of a solid (CMU/BRICK/CONCRETE) wall using "TAP-CON" concrete anchors with oversized washers (CMU/BRICK/CONCRETE WALL, TAP-CON ANCHORS AND WASHERS BY OTHERS).
  - 1. The complete system shall meet all environmental conditions such as temperature, wind, shrinkage, UV-rays, and moisture.
  - 2. The complete system is designed for a "NON-elevated" receiver position.
  - 3. OEM Factory Acoustical Packages by the Chiller Manufacturer are not acceptable.
  - 4. Products and Systems shall be by BRD Noise and Vibration Control, Inc., Wind Gap, PA - (610) 863-6300, www.HUSHCORE.net.

**ACOUSTICAL PERFORMANCE**

- a. To assure optimized aerodynamic and acoustic performance as well as proper integration and coordination of the final installation, the HUSHCORE® System shall be supplied by the chiller unit manufacturer as part of a complete package.
- b. All Noise Control Materials Manufacturer's shall deliver a complete submittal of the HUSHCORE® System in compliance with the acoustical performance as listed in this specification.
- c. When operating at worst case noise conditions, the chiller with prescribed noise treatments shall not exceed \_\_\_\_\_ dBA at the nearest adjacent property line.
  - 1. Chiller Sound Pressure (Lp) at the nearest property line, including the specified HUSHCORE® System and solid barrier wall, shall not exceed the following octave band sound levels:

Freq. (Hz)	63	125	250	500	1000	2000	4000	8000	dBA
Sound Pressure (Lp)	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]